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NEW COMPANIONS TO KNOWN DOUBLE STARS.

In Number 102 of these *Publications* I announced the discovery of new companions to three well-known Struve double stars. Since then I have found that the pairs Σ 112, Σ 1952, and Σ 2414 have companions not seen by STRUVE, nor, so far as I am aware, by any other observer. The means of my measures of these pairs are:—

Σ 112.

1905.578	186°.0	4″.42	9.0–13.5	1^{n}	B and C. New
1905.578	330 .7	21 .83	8.7– 9.0	1	A and B = Σ 112

Σ 1952.

1905.47	22°.5	0″.51	8.5–10.2	3^{n}	A and B. New
1905.45	222 .0	16 .18	8.5– 9.2	2	AB and C = Σ 1952

Σ 2414.

1905.51	95°.9	0″.73	8.0–13.5	3^{n}	A and B. New
1905.44	278 .5	17 .15	8.0–11.0	1	A and C = Σ 2414

I have also found the principal component of the wide pair *h* 804 to be a close double star. My measures are:—

1905.56	314°.6	0″.31	9.0– 9.8	2^{n}	A and B. New
1905.55	228 .7	19 .45	8.8–11.0	1	AB and C = *h* 804

July 31, 1905. R. G. AITKEN.

CORRIGENDA.

In Number 102 of these *Publications,* page 105, after line 16, insert:—

The first attempt to remove these residuals by linear differential relations so as to produce a parabola resulted in:—

$\Delta\alpha \cos \delta$	— 02″.2	± 00″.0
$\Delta\delta$	+ 47 .6	+ 17 .8

In the same number, page 111, title and line 2, for *ζ Scorpii* read *ξ Scorpii.*